

Title (en)

METHOD FOR TREATING THE SURFACE OF A DEVICE FOR DISPENSING A FLUID PRODUCT

Title (de)

VERFAHREN ZUR BEHANDLUNG DER OBERFLÄCHE EINER VORRICHTUNG ZUR AUSGABE EINES FLÜSSIGPRODUKTS

Title (fr)

PROCEDE DE TRAITEMENT DE SURFACE D'UN DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication

**EP 2516524 A1 20121031 (FR)**

Application

**EP 10809159 A 20101222**

Priority

- FR 0959479 A 20091223
- FR 2010052888 W 20101222

Abstract (en)

[origin: WO2011077055A1] The invention relates to a method for treating the surface of a device for dispensing a fluid product, said method comprising a chemical grafting step in order to form a thin film on at least one supporting surface of at least one part of said device, which can be moved during the actuation of said device, the thin film having anti-friction properties.

IPC 8 full level

**C08J 7/16** (2006.01); **A47K 5/12** (2006.01); **A61M 11/00** (2006.01); **A61M 15/00** (2006.01); **B05D 5/08** (2006.01); **B65D 83/14** (2006.01); **C09D 5/00** (2006.01)

CPC (source: EP US)

**C08J 7/16** (2013.01 - EP US); **C25D 3/02** (2013.01 - US); **C25D 5/02** (2013.01 - US); **C25D 7/04** (2013.01 - US); **C25D 9/02** (2013.01 - US); **A61M 11/00** (2013.01 - EP US); **A61M 15/00** (2013.01 - EP US); **A61M 15/0071** (2014.02 - EP US); **A61M 2205/0222** (2013.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05D 1/18** (2013.01 - EP US); **B05D 5/08** (2013.01 - EP US); **B05D 2201/00** (2013.01 - EP US); **B65D 83/64** (2013.01 - EP US)

Citation (search report)

See references of WO 2011077055A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**FR 2954326 A1 20110624**; **FR 2954326 B1 20130118**; CN 102639616 A 20120815; EP 2516524 A1 20121031; JP 2013515805 A 20130509; US 2013081953 A1 20130404; WO 2011077055 A1 20110630

DOCDB simple family (application)

**FR 0959479 A 20091223**; CN 201080050570 A 20101222; EP 10809159 A 20101222; FR 2010052888 W 20101222; JP 2012545402 A 20101222; US 201013514152 A 20101222